Please type or print in the unshaded areas only.

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*
OIL0091*GD

Form Approved
OMB No. 2040-0086
Approval expires 5-31-92

FORM
2C
NPDES

U.S. ENVIRONMENTAL PROTECTION AGENCY

APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER

EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURAL OPERATIONS

Consolidated Permits Program

OUTFALL LOCATION

For each outfall, list the latitude and longitude of its location to the newest 15 seconds and the name of the receiving water.

A. OUTFALL NUMBER *(list)*	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER (name)
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
002	39	53	35	81	01	22	Unnamed Tributary to Piney Creek
008C	39	53	48	81	01	12	Piney Creek
011	39	53	47	81	01	18	Piney Creek
012	39	53	50	81	01	19	Unnamed Tributary to Piney Creek
013	39	53	51	81	01	27	Unnamed Tributary to Piney Creek
014	39	53	56	81	01	46	Unnamed Tributary to Piney Creek
015	39	54	11	81	01	54	Unnamed Tributary to Piney Creek
017	39	53	45	81	01	21	Piney Creek
018A	39	54	08	81	01	17	Unnamed Tributary to Piney Creek
019	39	54	27	81	01	28	Captina Creek
020	39	51	59	81	02	05	Piney Creek
023	39	50	38	81	01	23	Unnamed Tributary to East Fork
024	39	50	46	81	01	04	Unnamed Tributary to East Fork
025	39	50	41	81	01	20	Unnamed Tributary to East Fork
EBS-3	39	52	30	81	00	10	Unnamed Tributary to Crabapple Creek
1-S	39	54	29	81	01	32	Captina Creek

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a Pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater Cooling water, and storm water; (2) the average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

1. OUTFALL NO *(list)*	2. OPERATION(S) CONTRIBUTING FLOW		3. TREATMENT	
	a. OPERATION *(list)*	b. AVERAGE FLOW *(include units)*	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1
002	Storm Water Runoff	< 1 gpd	Sedimentation	1-U
			Discharge to Surface Water	4-A
			Reuse/Recycle of Treated Effluent	4-C
008C	Storm Water Runoff	151,703 gpd	Sedimentation	1-U
			Discharge to Surface Water	4-A
011	Storm Water Runoff	107,708 gpd	Sedimentation	1-U
			Discharge to Surface Water	4-A
			Reuse/Recycle of Treated Effluent	4-C

012	Storm Water Runoff	0	Sedimentation	1-U
			Discharge to Surface Water	4-A
013	Storm Water Runoff	0	Sedimentation	1-U
			Discharge to Surface Water	4-A
014	Storm Water Runoff	0	Sedimentation	1-U
			Discharge to Surface Water	4-A
015	Storm Water Runoff	12,542 gpd	Sedimentation	1-U
			Discharge to Surface Water	4-A
017	Sanitary	6,618 gpd	Dechlorination, Disinfection,	2-E, 2-F
			Discharge to Surface Water	4-A
			Aerobic Digestion	5-A
018A	Storm Water Runoff	0	Sedimentation	1-U
			Discharge to Surface Water	4-A
019	Storm Water Runoff	0	Sedimentation	1-U
			Discharge to Surface Water	4-A
020	Storm Water Runoff	0	Sedimentation	1-U
			Discharge to Surface Water	4-A
023	Storm Water Runoff	0	Sedimentation	1-U
			Discharge to Surface Water	4-A
024	Storm Water Runoff	0	Sedimentation	1-U
			Discharge to Surface Water	4-A
025	Storm Water Runoff	0	Sedimentation	1-U
			Discharge to Surface Water	4-A
EBS-3	Storm Water Runoff	0	Sedimentation	1-U
			Discharge to Surface Water	4-A
1-S	Storm Water Runoff	0	Sedimentation	1-U
			Discharge to Surface Water	4-A
			Reuse/Recycle of Treated Effluent	4-C

OFFICIAL USE ONLY *(effluent guidelines sub-categories)*

C. Except for storm water runoff, leaks, or spills, are nay of the discharges described in Items II-A or B intermittent or seasonal?
☐ YES *(Complete the following table)* ☒ NO *(go to Section III)*

1. OUTFALL NUMBER *(list)*	2. OPERATION(S) CONTRIBUTING FLOW *(list)*	3. FREQUENCY		4. FLOW				
		a. DAYS PER WEEK *(specify average)*	b. MONTHS PER YEAR *(specify average)*	a. FLOW RATE *(in mgd)*		b. TOTAL VOLUME *(specify with units)*		c. DURATION *(in days)*
				1. LONG TERM AVG.	2. MAX. DAILY	1. LONG TERM AVG.	2. MAX DAILY	

III. PRODUCTION

A. Does an effluent quideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?
☐ YES *(Complete Item III-B)* ☒ NO *(go to Section IV)*

B. Are the limitations in the applicable effluent quideline expressed in terms of production *(or other measure of operation)*?
☐ YES *(Complete Item III-C)* ☒ NO *(go to Section IV)*

C. If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent quideline, and indicate the affected outfalls.

1. AVERAGE DAILY PRODUCTION			2. AFFECTED OUTFALLS *(list outfall numbers)*
a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. *(specify)*	

IV. IMPROVEMENTS

A. Are you now required by any Federal, State, or local authority to meet any implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.
☐ YES *(Complete the following table)* ☒ NO *(go to Item IV-B)*

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs *(or other environmental projects which may affect your discharges)* you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction.
☐ MARK "X" IS DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED

CONTINUED FROM PAGE 2

V. INTAKE AND EFFLUENT CHARACTERISTICS

A, B, & C : See instructions before proceeding- Complete one set for each outfall- Annotate the outfall number in the space provided.
NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered V-1 through V-9.

D. Use the space below to list any of the pollutants listed in Table 2c-3 of the instructions, which yiou know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe th ereasons you believe it to be present and report any analytical data in your possession.

1. POLLUTANT	2. SOURCE	1. POLLUTANT	2. SOURCE
NONE			

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

Is any pollutant listed in Item V-C a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

☐ **YES***(list all such pollutants below)* ☒ **NO** *(go to ItemVI-B)*

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

VII. BIOLOGICAL TOXICITY TESTING DATA

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☐ YES *(identify the test(s) and describe their purposes below)* ☒ NO *(go to Section VIII)*

VIII. CONTRACT ANALYSIS INFORMATION

Were any of the analysis reported in Item V performed by a contract laboratory or consulting firm?

☒ YES *(list the name, address, and telephone number of,* and pollutants *analyzed* by each such laboratory or firm (below) ☐ NO *(go to Section IX)*

A. NAME	B. ADDRESS	C. TELEPHONE *(area code & no.)*	D. POLLUTANTS ANALYZED *(list)*
Industrial Lab Analysis, Inc.	2240 Williamsburg Drive Glen Dale, WV 26038	304-233-5595	T.S.S., pH, Sulfate, Aluminum, Iron, Manganese, Antimony, Arsenic, Beryllium, Cadmium, Lead, Mercury, Nickel, Selenium, Silver, Zinc, BOD, Ammonia, Chlorine, Fecal Coliform, Magnesium

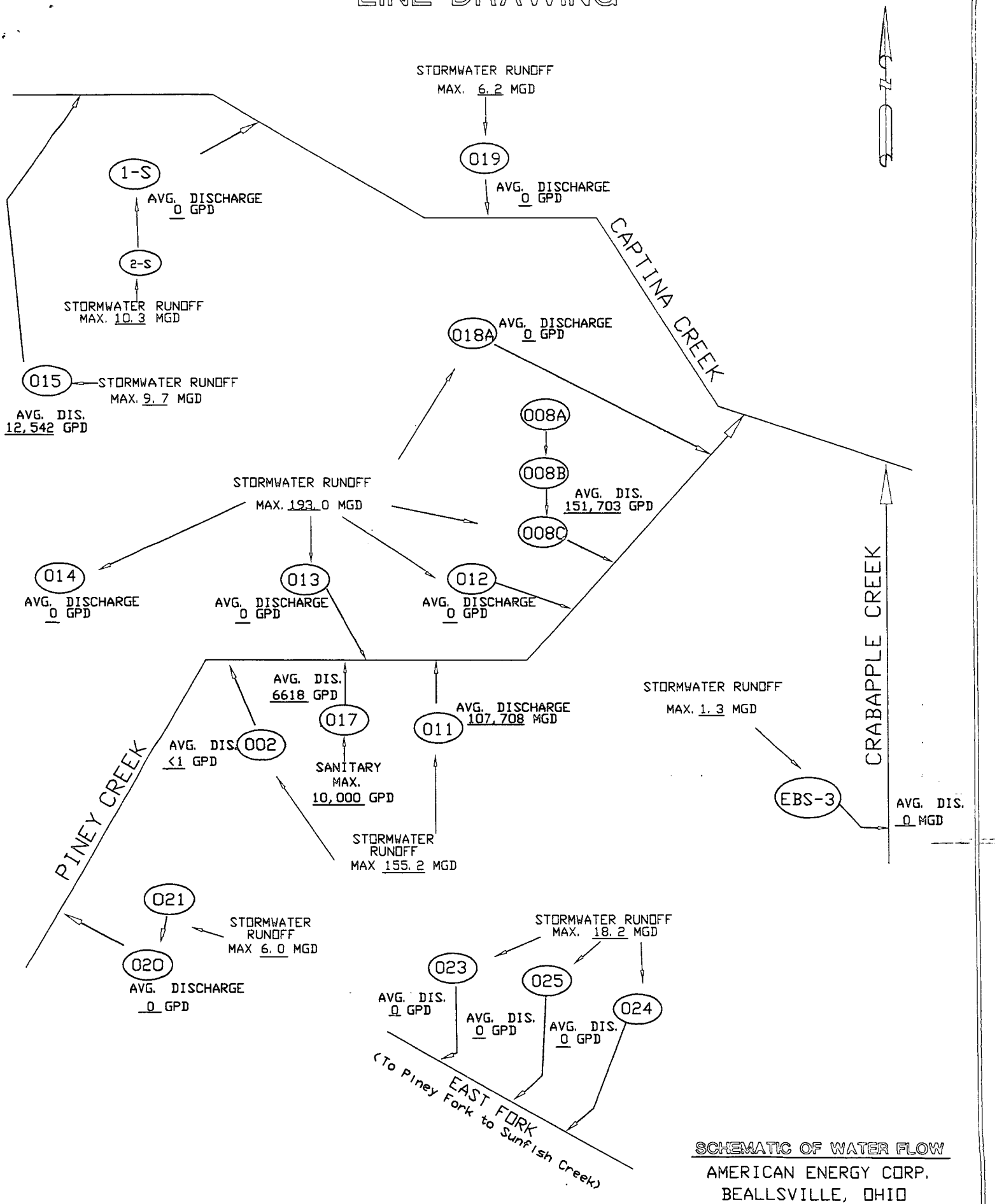
IX. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who mange the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. NAME & OFFICIAL TITLE *(type or print)*	B. PHONE NO. *Area code & no.)*
James R. Turner, Treasurer	740-926-9152
C. SIGNATURE	D. DATE SIGNED
	7/03/07

EPA form 3510-2C (8-90)

LINE DRAWING



SCHEMATIC OF WATER FLOW

AMERICAN ENERGY CORP.
BEALLSVILLE, OHIO
BELMONT & MONROE COUNTIES

NOTE: Maximum Stormwater Runoff values based on 10yr/24 hr. design storm event.

AEC 02466

ADDENDUM TO SCHEMATIC OF WATER FLOW

American Energy Corporation
NPDES Permit OIL00091*GD

Outfall	Description		Actual Average Flow/gpd	Design Storm Event Control Capacity/mgd
019	Sed. pond-train loadout, emergency slurry containment		0	6.2
1-S	Mine make-up water pond, 2-S discharges to 1-S		0	10.3
2-S	Sed. pond- flows to 1-S		0	
015	Sed. pond-coarse refuse disposal area		12,542	9.7
		Totals	12,542 gpd	26.2 mgd
018A	Sed. pond-prep plant area runoff		0	33.0
008C	Sed. pond-coarse refuse disposal area runoff		151,703	32.3
012	Sed. pond-coarse refuse disposal area runoff		0	10.2
013	Sed. pond-coarse refuse disposal area runoff		0	51.6
014	Sed. pond-coarse refuse disposal area runoff		0	65.9
		Totals	151,703 gpd	193.0 mgd
002	Mine make-up water pond		<1	6.5
017	Sanitary plant discharge		6,618	0.01
011	Mine make-up water pond		107,708	148.7
		Totals	114,327 gpd	155.2 mgd
020	Air shaft disturbed surface area sed. pond		0	6.0
021	Air shaft tailings storage pond, discharges to 020		0	6.8
		Totals	0	12.8 mgd
EBS-3	Air shaft disturbed surface area sed. pond		0	1.3
		Totals	0	1.3 mgd
023	Air shaft disturbed surface area sed. pond		0	5.8
024	Air shaft tailings storage pond		0	8.9
025	Air shaft disturbed surface area sed. pond (not yet constructed)		0	3.5
		Totals	0	18.2 mgd
		Grand Totals	**278,572 gpd (0.28 mgd)**	**406.7 mgd**